

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



14 OCT 2004



(43) International Publication Date  
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number  
WO 03/086905 A1

(51) International Patent Classification<sup>7</sup>: B65D 85/32

(21) International Application Number: PCT/DK02/00891

(22) International Filing Date:  
20 December 2002 (20.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
02008640.1 17 April 2002 (17.04.2002) EP

(71) Applicant (*for all designated States except US*): BRØ-  
DRENE HARTMANN A/S [DK/DK]; Klampenborgvej  
203, DK-2800 Lyngby (DK).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): BUCKLEY, Nick  
[GB/GB]; 62 Tunnel Wood Road, Watford, Hertfordshire  
WD 17 4GE (GB).

(74) Agent: BUDDE, SCHOU & OSTENFELD A/S; Vester  
Søgade 10, DK-1601 København (DK).

(81) Designated States (*national*): AE, AG, AL, AM, AT (uti-  
lity model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (uti-  
lity model), DE, DK (utility model), DK, DM, DZ, EC, EE  
(utility model), EE, ES, FI (utility model), FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC,  
SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

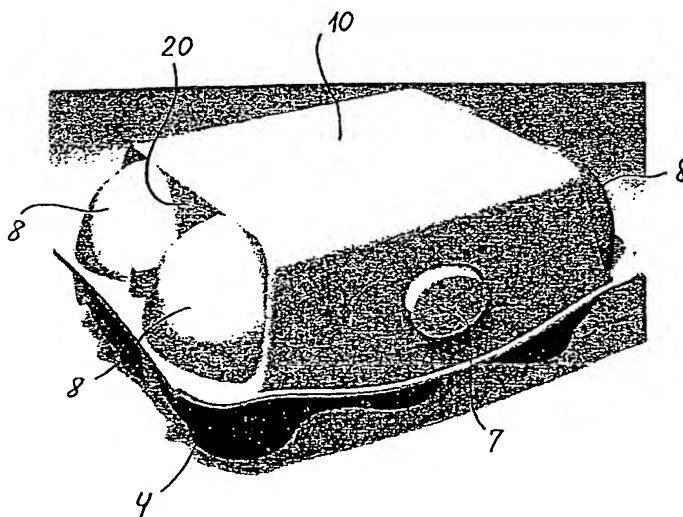
(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK,  
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: DISPLAY PACKAGE



(57) Abstract: The invention relates to a display and distribution packaging unit for fragile articles, especially for eggs, comprising a bottom part (2) which at least partially matches the outer contours of the articles housed within the unit and a cover part (3) comprising planar top- and side surfaces (10, 14, 15) for the provision of graphical information about the contents of the unit, where portions of the cover part (8) are furthermore shaped to reflect the shape of the eggs housed within the display and distribution package. The structure of the bottom and cover parts furthermore adds mechanical strength to the unit.

WO 03/086905 A1

## INTERNATIONAL SEARCH REPORT

PCT/ DK02/ 00891

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B65D85/32

PCT/ DK02/00891

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 813 027 A (MISDOM T ET AL) 28 May 1974 (1974-05-28)	1,6-11, 18,21, 22, 24-26, 34-36, 38-41
Y	column 2, line 18 - line 21; figures 1,3,7	2-5,12, 15,27
X	DE 195 30 156 A (OMNI PAC EKCO GMBH VERPACKUNGS) 20 February 1997 (1997-02-20)	1,4,18, 19,26, 31,34
Y	figures 1-3	32,33
Y	LU 79 834 A (HINTEREGGER P) 2 February 1979 (1979-02-02) figure 2	2-5
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

17 March 2003

Date of mailing of the international search report

24/03/2003

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bridault, A

## INTERNATIONAL SEARCH REPORT

PCT/ DK02/ 00891

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 731 986 A (PECHINEY EMBALLAGE ALIMENTAIRE) 27 September 1996 (1996-09-27) page 2, line 3 - line 26 ----	12, 15
Y	FR 2 133 279 A (VAUCHIER CHARLEY) 24 November 1972 (1972-11-24) figure 3 ----	27
Y	GB 329 846 A (JOHN HARVEY PICKETT) 29 May 1930 (1930-05-29) page 1, line 96 -page 2, line 27; figures 1,6 ----	32, 33
A	EP 0 972 724 A (HARTMANN AS BRDR) 19 January 2000 (2000-01-19) figures 3,4 & WO 00 03936 A 27 January 2000 (2000-01-27) cited in the application ----	29, 30
A	FR 2 086 938 A (CHOISNET JACQUES) 31 December 1971 (1971-12-31) page 5, line 19 - line 23 -----	41

## INTERNATIONAL SEARCH REPORT

PCT/ DK02/ 00891

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3813027	A	28-05-1974	AU 472841 B2	03-06-1976
			AU 6158473 A	24-04-1975
			DE 2352943 A1	02-05-1974
			DK 141865 B	07-07-1980
			FR 2205044 A5	24-05-1974
			GB 1389143 A	03-04-1975
DE 19530156	A	20-02-1997	DE 19530156 A1	20-02-1997
LU 79834	A	02-02-1979	LU 79834 A1	02-02-1979
FR 2731986	A	27-09-1996	FR 2731986 A1	27-09-1996
FR 2133279	A	24-11-1972	FR 2133279 A7	24-11-1972
GB 329846	A	29-05-1930	NONE	
EP 0972724	A	19-01-2000	EP 0972724 A1	19-01-2000
			AT 211105 T	15-01-2002
			AU 3138499 A	07-02-2000
			BR 9912134 A	10-04-2001
			CA 2337461 A1	27-01-2000
			CZ 20010125 A3	16-01-2002
			DE 69900650 D1	31-01-2002
			WO 0003936 A1	27-01-2000
			DK 1098826 T3	02-04-2002
			EP 1098826 A1	16-05-2001
			JP 2002520235 T	09-07-2002
			PL 345867 A1	14-01-2002
			TR 200100160 T2	21-05-2001
			US 6488152 B1	03-12-2002
FR 2086938	A	31-12-1971	FR 2086938 A5	31-12-1971